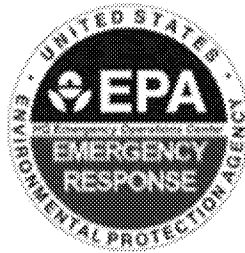


**From:** Eoc, Epahq [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=319C6923068646D3A80AE77907F63C68-EOC, EPAHQ]  
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**To:** Eoc, Epahq [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=319c6923068646d3a80ae77907f63c68-Eoc, Epahq]  
**Subject:** HQ EOC Spot Report: Regions 2 & 4, Hurricane Irma, Puerto Rico, US Virgin Islands & Florida – Update #5

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## **HQ EOC Spot Report: Regions 2 & 4, Hurricane Irma, Puerto Rico, US Virgin Islands & Florida – Update #5**

### **US Environmental Protection Agency**

**Report as of September 10, 2017, 1830 ET**

**Overview:** Hurricane Irma is currently making landfall in Naples, Florida with sustained winds of 121 miles per hour (mph). The storm surge is anticipated to be greater than nine feet. The storm is anticipated to pass Tampa, Florida, early Monday morning. The current trajectory has Irma impacting Alabama and Western Georgia (Tuesday morning), as a tropical storm and Memphis, TN area (Wednesday morning), as a tropical depression. Florida and southeast Georgia are expected to receive a minimum of 10-inches with isolated areas receiving up to 20 inches. A number of tornado touchdowns have been confirmed in the impacted areas.

### **State, Local and other Federal Agency Actions:**

#### **REGION 2**

The FEMA National Response Coordination Center (NRCC) remains at Level I (24/7 operations, Full ESFs) in response to Hurricanes HARVEY and IRMA. The FEMA Region II Regional Response Coordination Center (RRCC) is at Full Activation. The PR Emergency Operations Center and USVI Territorial Emergency Management Agency are at Full Activation. The respective Governors have declared states of emergency. The PR National Guard and USVI National Guard have been activated.

Region 2 currently has 6 FEMA Mission Assignments (MA) for pre-deployment planning, implementation, and deployment of personnel for damage assessments on St. Thomas, St. Croix and St. John in the U.S. Virgin Islands, and Puerto Rico, including the islands of Vieques and Culebra. FEMA is

processing a MA for environmental assessments in PR under the Emergency Declaration funding, due to the delay in receiving the major disaster declaration request from the Governor of PR. FEMA advised EPA that there may be an expedited request for support for possible consultation, assessment, and/or mitigation of chronic mold in the control tower at the airport in St. Thomas. The mold problem was discovered during the initial post-hurricane damage assessment. The request is pending an evaluation of the structural integrity of the tower.

#### **REGION 4**

Region 4 currently has a Mission Assignment for Federal Operations Support (FOS) for \$35,000 to staff the FEMA RRCC and the Florida State EOC. On September 7, Florida requested EPA assistance in the formation and deployment of 12 Hazardous Assessment Response Teams with appropriate resources to conduct assessments at targeted hazardous substance and oil facilities as identified by SEOC ESF-10. Funding for this MA was approved September 9, 2017. The request was divided between EPA and the USCG with EPA receiving \$525,000 and USCG receiving \$150,000. The period of performance is September 10 to 25, 2017.

The EPA Region 4 Water Protection Division (WPD) received funding totaling \$75,000 under an ESF-3 Mission Assignment (MA) sub-task to support the U.S. Army Corps of Engineers (USACE) drinking water and wastewater facility assessments.

- The request specified provision of three technical experts for a duration of 14 days.
- The personnel will be deployed to the USACE ESF-3 desk.
- WPD staff have been identified.

The FL state EOC (SEOC) is under Level 1 activation. Upon request, a FL out-posted OSC was deployed to staff the SEOC in Tallahassee, Florida on September 7.

The Georgia SEOC was elevated to Level 1, full activation and fully staffed. Georgia has not requested an EPA representative.

The Alabama Emergency Management Agency (EMA) is currently operation the State EOC at a Level 1 full activation. The EPA Region 4 continues to maintain communication with the State to provide support at the ESF-10 Desk in the SEOC, as needed.

The South Carolina SEOC is currently operating at Level 1 full activation. EPA is maintaining communication with the State to determine if EPA assistance is needed. EPA does not expect a MA due to the change in storm direction.

The North Carolina and Mississippi SEOCs is currently operating at Level 4 (enhanced awareness) activation. They are monitoring Irma's path and EPA is maintaining communication with the State to determine if EPA assistance is needed.

The Tennessee SEOC is currently operating at an elevated activation and is staffed with partners from State of Tennessee departments. SEOC staff are monitoring Irma's movement toward Tennessee and standing ready to assist local jurisdictions with any life-saving measures or need requests. Tennessee has not declared a state of emergency at this time.

Florida, South Carolina, and North Carolina are planning to shut down their ambient air monitoring sites located near the current projected path of Hurricane Irma.

#### **EPA REGION 2 ACTIONS:**

Under current Mission Assignments (MA) EPA can conduct oil and hazardous substance assessments throughout Puerto Rico. However, under the current Disaster Declaration, physical work can only be conducted

in the declared areas of Culebra and Vieques. An OSC deployed to Puerto Rico on 9/9/17 to lead a team to coordinate with the Commonwealth of Puerto Rico, to determine needs based strategies for addressing environmental incidents caused by Hurricane Irma. Two OSCs continued coordination activities in the FEMA EOC in Puerto Rico. Two OSCs deployed to St. Croix on 9/9 to lead teams to assess fixed facilities based on prioritized targets. An additional OSC deployed to St. Croix on 9/9 to lead teams to assess potentially contaminated hazardous debris.

## **DEBRIS RECOVERY**

U.S. Army Corps of Engineers and EPA debris team deployed in the USVI. EPA will be conducting debris assessment starting September 10.

EPA is coordinating assessments with VITEMA and VIDPNR. VI Department of Waste Management (VIDWM) has established a staging area in Estate Body Slob landfill. Four cells have been created for: white goods, vegetative debris, C & D waste, and hazardous waste. Two OSCs are doing windshield assessments of damage and possible releases from fixed facilities.

## **SUPERFUND AND OIL SITES**

EPA assessment teams will continue to assess Superfund and oil sites in Puerto Rico and will begin assessment work today in the U.S Virgin Islands. The Region continues to reach out to all the responsible entities, whether they be our contractors for fund-lead projects or PRPs, for NPL sites, active removal actions and oil response actions, with regard to assessing impacts to the site. Assessment teams will verify site status.

## **FACILITY ASSESSMENT**

The Regulated Facility Team (RFT) continues to receive email and telephone responses to EPA's post-Irma facility damage, oil spill, and chemical release assessment efforts. As facility personnel begin obtaining access to their facilities, they continue to report no spills, no chemical releases, and no upset conditions. High risk facilities in Puerto Rico and the US Virgin Islands have reported no significant damage to their oil and/or chemical operations.

An assessment team visited two FRP facilities. No significant impact from Hurricane Irma was reported by facility contact or observed by the team.

## **DRINKING WATER**

The EPA Water desk is working with PRDOH and PRASA to prioritize federal assistance for drinking water facilities, and essential parts of the drinking water distribution system, for repair.

## **WAIVERS**

Fuel waivers are not needed for PR or USVI.

## **EPA REGION 4 ACTIONS:**

Due to the shifting path and movement of Irma, deployment of Assessment Teams has been delayed until conditions are more certain and safe for travel and field operations. Region 5, which is providing six OSCs, to be integrated into assessment teams has been notified and is on standby until conditions are safe to mobilize to impacted areas. Region 4 has requested National Strike Team support from the U.S. Coast Guard to assist with assessment activities in Florida.

The EPA and USCG continued to coordinate with State, Tribal, and Federal partners regarding planned operations in Florida, including Debris Management, Hazardous Material Recovery, Drinking Water and Wastewater related issues.

## **DEBRIS RECOVERY**

The EPA coordinated with the Florida Department of Environmental Protection (FDEP), Florida Department of Transportation (DOT), FEMA, and the USACE concerning the development and implementation of a Debris Management Plan. Key issues discussed relative to EPA were the management of Hazardous Wastes, Household Hazardous Wastes (HHW), Asbestos, Air Curtain Incinerators, Tribal Concerns, and Environmental Justice areas.

## **DRINKING WATER**

The EPA continued to coordinate with the FDEP and the USACE relative to Water and Drinking Water issues. Additionally, the USACE has indicated they may request Region 4 assistance with sampling activities associated with bringing the Water/Drinking Water facilities back on line.

## **SUPERFUND SITES**

Remedial program has completed rapid assessment (desk-top triage) of all **90** remedial sites in within the state of Florida.

EPA coordinated with a contractor to remove three drums at Anodyne, Inc. Superfund Site containing Investigation Derived Waste (IDW) generated during a recent sampling event.

## **WAIVERS**

Florida Department of Environmental Protection copied Region 4 on a request for an update from the Internal Revenue Service (IRS) on the status of the IRS red-dye diesel waiver.

The FDEP requested the EPA to issue a No Action Assurance (NAA) for Tampa Electric Company's Big Bend Station, Polk Power Station, and Bayside Power Station for compliance with air permit condition to ensure adequate supply of electric power. The EPA issued the NAA on September 10.

All Region 4 States have been contacted and offered support for the potential need for widespread mosquito control in areas impacted by Hurricane Irma.

Media Interest: High

<http://www.msn.com/en-us/news/storm/hurricane-irma-pummels-florida-this-one-scares-me/ar-AArB97C?li=BBnb7Kz&OCID=ansmsnnews11>



Hurricane  
Irma  
pummels  
Florida;  
'This one  
scares  
me'

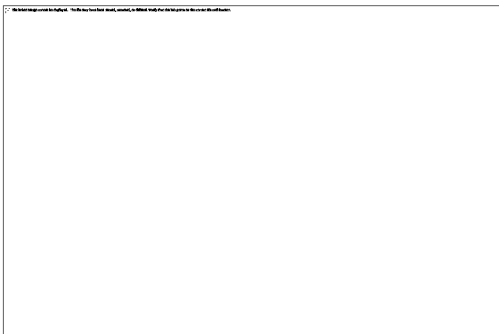
www.msn.com

A monster  
Hurricane  
Irma roared  
into Florida  
with 130 mph  
winds Sunday  
for what  
could be a  
sustained  
assault on  
nearly the  
entire  
Sunshine  
State,  
submerging  
streets,  
knocking out  
power to  
millions and  
snapping  
massive  
construction  
cranes over  
the Miami  
skyline.

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<http://time.com/4935344/hurricane-irma-florida-marco-island/>

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Hurricane  
Irma  
Makes  
Second  
Landfall  
in Florida

time.com

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Irma roared  
ashore at  
Marco Island,  
just south of  
Naples, with  
115 mph  
winds

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<https://www.nytimes.com/2017/09/10/us/hurricane-irma-florida.html>

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Hurricane  
Irma Live  
Updates:  
Packing  
130-M.P.H.  
Winds,  
Storm Roars  
Into the  
Florida Keys

[www.nytimes.com](http://www.nytimes.com)

The eye wall of  
the Category 4  
hurricane arrived  
in the area at  
about 7:20 a.m.  
Eastern, the  
National  
Hurricane Center  
said.

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Nancy Abrams, Senior Watch Officer  
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